Journal of the Neurological Sciences, 121 (1993) 238–239
Elsevier Science B.V.

Contents of Volume 121

Number 1 – January 1994

Research articles

Picrotoxin and pentylene tetrazole induced seizure activity in pyridoxine-deficient rats
S.K. Sharma, B. Bolster and K. Dakshinamurti (Canada) 1

Dose-related effects of cycloheximide on delayed neuronal death in the gerbil hippocampus after bilateral transitory forebrain ischemia
A. Tortosa, R. Rivera and I. Ferrer (Spain) 10

Correspondence of increased debrisoquine 4-monooxygenase activity with seizure-susceptibility in Mongolian gerbils
K. Iwahashi, H. Suwaki, Y. Matsuo, Y. Ichikawa and K. Hosokawa (Japan) 18

Do patients with Down's syndrome recognize Mickey Mouse?
R. Kakigi, R. Neshige, Y. Matsuda and Y. Kuroda (Japan) 22

Alteration of muscarinic acetylcholine binding sites in the postischemic brain areas of the rat using in vitro autoradiography
H. Nagasawa, T. Araki and K. Kogure (Japan) 27

Progression of kaolin-induced hydrocephalus and changes in performance of operant tasks by rats
H. Kuchiwaki, M. Nagasaka, S. Inao and K. Sugita (Japan) 32

$\gamma\delta^+$ T cells are increased in patients with Parkinson's disease
U. Fiszer, E. Mix, S. Fredrikson, V. Kostulas, T. Olsson and H. Link (Sweden) 39

Decreased cerebrospinal fluid nitrate levels in Parkinson's disease, Alzheimer's disease and multiple system atrophy patients
M.A. Kuiper, J.J. Visser, P.L.M. Bergmans, P. Scheltens and E.C. Wolters (The Netherlands) 46

Infantile onset spinocerebellar ataxia with sensory neuropathy: a new inherited disease
T. Koskinen, P. Santavuori, K. Sainio, M. Lappi, A.-K. Kallio and H. Pihko (Finland) 50

Mitochondrial DNA mutation underlying Leigh's syndrome: clinical, pathological, biochemical, and genetic studies of a patient presenting with progressive myoclonic epilepsy
M.G. Sweeney, S.R. Hammans, L.W. Duchen, J.M. Cooper, A.H.V. Schapira, C.R. Kennedy, J.M. Jacobs, B.D. Youl, J.A. Morgan-Hughes and A.E. Harding (UK) 57

Relative frequency of autoantibodies to myelin basic protein and proteolipid protein in optic neuritis and multiple sclerosis cerebrospinal fluid
K.G. Warren and I. Catz (Canada) 66

A standardized protocol for flow cytometric analysis of cells isolated from cerebrospinal fluid
R. Dux, A. Kindler-Röhrborn, M. Annas, P. Faustmann, K. Lennartz and C.W. Zimmermann (Germany) 74

A new gerbil model of hindbrain ischemia by extracranial occlusion of the bilateral vertebral arteries
R. Hata, M. Matsumoto, K. Kitagawa, T. Matsuyama, T. Ohtsuki, M. Tagaya, N. Handa, M. Niinobe, K. Mikoshiba, T. Nishimura, T. Yanagihara and T. Kamada (Japan) 79

Formulas for the quantitation of intrathecal IgG production. Their validity in the presence of blood–brain barrier damage and their utility in multiple sclerosis
K. Blennow, P. Fredman, A. Wallin, C.G. Gottfries, H. Frey, T. Pirttilä, I. Skoog, C. Wikkelsö and L. Svennerholm (Sweden, Finland) 90

Familial amyloidotic polyneuropathy with late-onset and well-preserved autonomic function: a Japanese kindred with novel mutant transthyretin (Ala^{97} to Gly)
T. Yasuda, G. Sobue, M. Doyu, M. Nakazato, K. Shiomi, T. Yanagi and T. Mitsuma (Japan) 97

Cerebral vasomotor reactivity is significantly reduced in low-flow as compared to thromboembolic infarctions: the key role of the circle of Willis
E.B. Ringelstein, C. Weiller, M. Weckesser and S. Weckesser (Germany) 103

Prolonged effects of MK-801 in the cat during focal cerebral ischemia and recovery: survival, EEG activity and histopathology
L. Dezsi, J.H. Greenberg, J. Sladky, N. Araki, J. Hamar and M. Reivich (USA) 110

Obituary

Willem Anton den Hartog Jager (1913–1993)
J.M.B.V. De Jong (Netherlands) 121

Book reviews 123

Number 2 – February 1994

Research articles

Reactive microglia in multiple sclerosis lesions have an increased expression of receptors for the Fc part of IgG
E. Ulvestad, K. Williams, C. Vedeler, J. Antel, H. Nyland, S. Mørk and R. Matre (Norway, Canada) 125

Presence of neuronal proteins in serially cultured cells from autopsy human brain
J.P. Blass, W.R. Markesbery, L.-w. Ko, L. DeGiorgio, K.-F.R. Sheu and Z. Darzynkiewicz (USA) 132

Somatosensory event-related potentials (ERPs) in patients with different types of dementia
J. Ito (Japan) 139

Muscle tone in Huntington's disease
V. Hömberg and J. Huttunen (Germany) 147

Subacute sensory neuropathy associated with Hodgkin's disease
V. Plante-Bordeneuve, M. Baudrimont, N.C. Gorin and R.K. Gherardi (UK, France) 155

Glucose and leucine uptake by rat dorsal root ganglia is not insulin sensitive
N.J. Patel, J.G. Llewelyn, D.W. Wright and P.K. Thomas (UK) 159

Low contents of nerve growth factor in serum and submaxillary gland of diabetic mice. A possible etiological element of diabetic neuropathy
G. Ordoñez, A. Fernandez, R. Perez and J. Sotelo (Mexico) 163

Aberrant androgen action and increased size of tandem CAG repeat in androgen receptor gene in X-linked recessive bulbospinal neuronopathy
G. Sobue, M. Doyu, T. Morishima, E. Mukai, T. Yasuda, T. Kachi and T. Mitsuma (Japan) 167

High sciatic lesion mimicking peroneal neuropathy at the fibular head
Bashar Katirji and A.J. Wilbourn (USA) 172
Changes in nerve growth factor content of the submaxillary gland in the genetically dystrophic (*mdx*) mouse
M. Hirota, Y. Furukawa, I. Shinoda, T. Yoneoka, T. Ito, S. Furukawa and K. Hayashi (Japan) 176
Multiplicity of abnormal dystrophin in Becker muscular dystrophy. A Becker muscular dystrophy gene frequently produced two smaller sizes of dystrophin
S. Hori, S. Ohtani, T. Shimizu, T. Ibi, K. Sahashi, I. Nonaka, K. Miyamoto and H. Tanabe (Japan) 183
β-Bungarotoxin binding protein is immunogenic but lacks myasthenogenicity in rats
J. Qiao, Z.-Y. Wang and H. Link (Sweden) 190
Fibre size, atrophy, and hypertrophy factors in vastus lateralis muscle from 18- to 29-year-old men
F. Pernuš and I. Eržen (Slovenia) 194
Does muscular dystrophy affect metabolic rate?. A study in *mdx* mice
E.E. Dupont-Versteegden, R.A. Baldwin, R.J. McCarter and M.G. Vonlanthen (USA) 203
Production of granulocyte-macrophage colony stimulating factor by human T-lymphotropic virus type I-infected human glioma cells
Y. Nishiura, T. Nakamura, H. Takino, K. Ichinose, K. Nagasato, K. Ohishi, M. Tsujihata and S. Nagataki (Japan) 208
A pathologically distinct new form of HIV associated encephalopathy
H.-J. Von Giesen, G. Arendt, E. Neuen-Jacob, K. Prestien, H. Jablonowski and H.J. Freund (Germany) 215
Long-term changes in cerebral blood flow according to different types of ischemic stroke
K. Toyoda, K. Minematsu and T. Yamaguchi (Japan) 222

Letters to the Editor
LDL-apheresis cannot be recommended for treatment of cerebrotendinous xanthomatosis
V.M. Berginer and G. Salen (Israel, USA) 229
LDL-apheresis in cerebrotendinous xanthomatosis: reply to the letter by Berginer and Salen. (*J. Neurol. Sci.*, 121 (1994) 229–230)
M. Kuriyama and Y. Mimura (Japan) 231

Author Index (Vol. 121) 233

Subject Index (Vol. 121) 236